

IN THE CLAIMS:

Please amend claims 26, 27, and 29-36 as shown below. The following listing of claims will replace all prior versions, and listings, of claims in the application.

1 – 25. (Canceled)

26. (Currently Amended) A method comprising:

~~detecting a change to a database system, wherein said detecting includes determining a value of an attribute of said database system;~~

~~comparing said determined value to a previously acquired value of said attribute of said database system;~~

~~predicting the likelihood of the detected change affecting the future operation of the database system;~~

~~based on said comparing, generating an indication of the magnitude of said detected change of said system attribute; and~~

~~displaying said likelihood of the detected change affecting the operation of the database system and said indication of the magnitude of the detected change to a user.~~

determining a plurality of predicted outcomes resulting from the detected change, wherein the plurality of predicted outcomes relate to future operation of the database system;

monitoring the database system for an occurrence of at least one of the predicted outcomes;

based on the monitoring, detecting the occurrence of at least one of the predicted outcomes; and

based on the detecting, displaying to a user an indication of the occurrence of the at least one of the predicted outcomes.

27. (Currently Amended) The method of claim 26, further comprising:

~~predicting at least two outcomes related to said database system indicated by said detected change;~~

~~subsequently monitoring the database system to detect whether one or more of the predicted outcomes has occurred; and~~

~~if one or more of the predicted outcomes has occurred, reporting the one or more occurred predicted outcomes to the user.~~

generating a determination that the change to the database system has deceased performance of the database system;

determining a degree of confidence in the determination that the change to the database system has deceased performance of the database system; and

displaying to the user the degree of confidence in the determination that the change to the database system has deceased performance of the database system.

28. (Previously Presented) The method of claim 26, wherein said detected change indicates a change in response latency to an input provided to said database system.

29. (Currently Amended) The method of claim 26, wherein said detecting includes determining a value of an attribute of said database system, and wherein said attribute of said database system is related to the number and/or type of transactions executed by the database system.

30. (Currently Amended) The method of claim 26, wherein said detecting includes determining a value of an attribute of said database system, and wherein said attribute of said database system is related to timing information associated with transactions executed by the database system.

31. (Currently Amended) The method of claim 26, wherein said detecting includes determining a value of an attribute of said database system, and wherein said attribute of said database system is related to configuration information associated with the database server or related to data schema of the database system.

32. (Currently Amended) A system comprising:
a processor; and

a memory storing program instructions executable by the processor to:

- ~~detect a change to a database system, wherein said detecting includes determining a value of an attribute of said database system;~~
- ~~compare said determined value to a previously acquired value of said attribute of said database system;~~
- ~~predict the likelihood of the detected change affecting the operation of the database system;~~
- ~~based on said comparing, generate an indication of the magnitude of said detected change of said system attribute; and~~
- ~~display said likelihood of the detected change affecting the operation of the database system and said indication of the magnitude of the detected change to a user.~~
- determine a plurality of predicted outcomes resulting from the detected change, wherein the plurality of predicted outcomes relate to future operation of the database system;
- monitor the database system for an occurrence of at least one of the predicted outcomes;
- based on the monitoring, detect the occurrence of at least one of the predicted outcomes; and
- based on the detecting, display to a user an indication of the occurrence of the at least one of the predicted outcomes.

33. (Currently Amended) The system of claim 32, further comprising program instructions executable by the processor to:

- ~~predict at least two outcomes related to said database system indicated by said detected change;~~
- ~~subsequently monitor the database system to detect whether one or more of the predicted outcomes has occurred; and~~
- ~~if one or more of the predicted outcomes has occurred, report the one or more occurred predicted outcomes to the user.~~
- generate a determination that the change to the database system has deceased performance of the database system;

determine a degree of confidence in the determination that the change to the database system has deceased performance of the database system; and

display to the user the degree of confidence in the determination that the change to the database system has deceased performance of the database system.

34. (Currently Amended) A computer readable memory medium including program instructions executable to:

~~detect a change to a database system; wherein said detecting includes determining a value of an attribute of said database system;~~

~~compare said determined value to a previously acquired value of said attribute of said database system;~~

~~predict the likelihood of the detected change affecting the operation of the database system;~~

~~based on said comparing, generate an indication of the magnitude of said detected change of said system attribute; and~~

~~display said likelihood of the detected change affecting the operation of the database system and said indication of the magnitude of the detected change to a user.~~

determining a plurality of predicted outcomes resulting from the detected change, wherein the plurality of predicted outcomes relate to future operation of the database system;

monitoring the database system for an occurrence of at least one of the predicted outcomes;

based on the monitoring, detecting the occurrence of at least one of the predicted outcomes; and

based on the detecting, displaying to a user an indication of the occurrence of the at least one of the predicted outcomes.

35. (Currently Amended) The memory medium of claim 34, further comprising program instructions executable by the processor to:

~~predict at least two outcomes related to said database system indicated by said detected change;~~

~~subsequently monitor the database system to detect whether one or more of the predicted outcomes has occurred; and~~

~~if one or more of the predicted outcomes has occurred, report the one or more occurred predicted outcomes to the user.~~

generating a determination that the change to the database system has deceased performance of the database system;

determining a degree of confidence in the determination that the change to the database system has deceased performance of the database system; and

displaying to the user the degree of confidence in the determination that the change to the database system has deceased performance of the database system.

36. (Currently Amended) A system comprising:

~~first means for detecting a change to a database system, wherein said detecting includes determining a value of an attribute of said database system;~~

~~second means for comparing said determined value to a previously acquired value of said attribute of said database system;~~

~~third means for predicting the likelihood of the detected change affecting the operation of the database system;~~

~~fourth means for generating an indication of the magnitude of said detected change of said system attribute, wherein said generating is based on said comparing; and~~

~~fifth means for displaying said likelihood of the detected change affecting the operation of the database system and said indication of the magnitude of the detected change to a user.~~

means for determining a plurality of predicted outcomes resulting from the detected change, wherein the plurality of predicted outcomes relate to future operation of the database system;

means for monitoring the database system for an occurrence of at least one of the predicted outcomes;

means for detecting the occurrence of at least one of the predicted outcomes based on the monitoring; and

means for displaying to a user an indication of the occurrence of the at least one of the predicted outcomes based on the detecting.